

Recombinant Mouse Zpr1 Protein, Myc/DDK-tagged

Cat. No. Zpr1-7126M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse ZPR1 zinc finger (Zpr1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Acts as a signaling molecule that communicates proliferative growth signals from the cytoplasm to the nucleus. Plays a role for the localization and accumulation of the survival motor neuron protein SMN1 in sub-nuclear bodies, including gems and Cajal bodies. Induces neuron differentiation and stimulates axonal growth and formation of growth cone in spinal cord motor neurons. Plays a role in the splicing of cellular pre-mRNAs. May be involved in H2O2-induced neuronal cell death.
Molecular Mass	50.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Zpr1 ZPR1 zinc finger [*Mus musculus* (house mouse)]

Official Symbol Zpr1

Synonyms Zpr1; ZPR1 zinc finger; ZP; Zfp25; Zfp259; Znf259; AI303781; zinc finger protein ZPR1; zinc finger protein 259

Gene ID 22687

mRNA Refseq NM_011752

Protein Refseq NP_035882

UniProt ID Q62384

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